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IN THE CLAIMS:

Please cancel Claim 7 without prejudice or disclaimer of the subject matter recited therein. Please amend Claims 1, 5 and 6 and add Claims 10-12 as follows.

1. (Currently Amended) A projection type image display device comprising:
 - a plurality of image display elements, each of which modulates light rays in accordance with an image signal;
 - a color synthesizing optical element, comprising a dichroic film including a gradient film in which ~~one of~~ its thickness ~~and refractive index~~ varies in a substantially horizontal direction, the color synthesizing optical element synthesizing the light rays modulated by the plurality of image display elements;
 - a projection optical system projecting the light rays synthesized by the color synthesizing optical system onto a projection surface; and
 - a signal processing circuit which corrects the image signal such that brightness irregularity in a substantially vertical direction of an image projected by the projection optical system is reduced or cancelled.

2. (Previously Presented) The projection type image display device according to Claim 1, further comprising a line memory which stores correction data used in the signal processing circuit as one-dimensional data of the substantially vertical direction.